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32588 7590 10/17/2005

APPLIED MATERIALS, INC.

2881 SCOTT BLVD. M/S 2061
 SANTA CLARA, CA 95050

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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Barbara Holt	(Depositor's name)
<i>Barbara Holt</i>	
(Signature)	
January 13 2008	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/134,147	08/14/1998	WALLACE T.Y. TANG	50169/110 53531C/1	7613

TITLE OF INVENTION: IN-SITU REAL-TIME MONITORING TECHNIQUE AND APPARATUS FOR DETECTION OF THIN FILMS DURING CHEMICAL/MECHANICAL POLISHING PLANARIZATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	\$700 1400	\$0	\$700	01/17/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
MACARTHUR, SYLVIA	1763	156-345000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
<input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.	<input type="checkbox"/> <u>1 Fish & Richardson</u>
<input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	<input type="checkbox"/> <u>2</u>
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Applied Materials Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

81/18/2006 NROCHA2 00000046 501074 09134147
 Santa Clara, CA USA
 81 FC:1501 1400.00 DA
 82 FC:8001 3.00 DA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 1

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A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1074 (enclose an extra copy of this form).

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Robert W. Mulcahy

Typed or printed name

Robert W. Mulcahy,

Date 1-13-08

Reg. No. 25,436

Registration No.

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